

In the Claims:

1. (currently amended) A method comprising:
  - receiving a radio broadcast at a vehicle, the vehicle having vehicle information;
  - wirelessly transmitting content associated with the vehicle information from a server to the vehicle via a data network based on radio broadcast information associated with the received radio broadcast;
  - automatically presenting the content over a user interface at the vehicle; after receiving the radio broadcast and transmitting the content, recording at least one request made by a user based on the presented content, wherein the recording of the request is not required to receive the broadcast;
  - wirelessly transmitting the recorded request to the server over the data network;
  - processing at least one sent request, wherein processing comprises generating a confirmation message based on the request;
  - wirelessly transmitting the generated confirmation message to the vehicle over the data network; and
  - presenting the sent confirmation message over the user interface.
2. (original) The method of claim 1, further comprising wirelessly transmitting vehicle information from the vehicle to the server over the data network.
3. (previously presented) The method of claim 2, wherein the content transmitted from the server to the vehicle via a data network is based on radio broadcast information associated with the vehicle information includes at least one of the vehicle's location, trajectory, information requests, or transaction requests.
4. (original) The method of claim 1, wherein presenting comprises presenting at least a portion of the content or the message audibly.

5. (original) The method of claim 1, wherein presenting comprises displaying visually at least a portion of the content or the message.
6. (original) The method of claim 1, wherein recording comprises recording a phonation.
7. (original) The method of claim 6, wherein processing comprises performing voice recognition processing of the phonation.
8. (previously presented) The method of claim 1, wherein processing comprises:
  - contacting a bank system; and
  - executing a monetary transfer based on user information and the request.
9. (previously presented) The method of claim 1, wherein processing comprises:
  - contacting a business system; and
  - sending information from the business system to the server relating to the request,
  - wherein the confirmation information comprises at least a portion of the information sent by the business system.
10. (currently amended) The method of claim 1, wherein a-the recorded request is comprises a request to purchase an item and the server is operable to complete completes the transaction,
11. (withdrawn) A method comprising:
  - receiving a radio broadcast at a vehicle, the vehicle having vehicle information;
  - wirelessly transmitting vehicle information from the vehicle to a server over a data network;
  - wirelessly transmitting content associated with the vehicle information from the server to the vehicle via the data network based on prestored radio broadcast

25315

CUSTOMER NUMBER

INTL-1-1016R0A06(v3)

- 3 -

BLACK LOWE & GRAHAM 

701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301

- information associated with the received radio broadcast and associated vehicle information;
- presenting content over a user interface at the vehicle;
- recording any requests made by a user based on the presented content;
- wirelessly transmitting the recorded requests to the server over a second data network;
- processing each sent request, wherein processing comprises generating a confirmation message based on the request and prestored user information;
- wirelessly transmitting the generated confirmation message to the vehicle over the data network; and
- presenting the sent confirmation message over the user interface.
12. (withdrawn) The method of claim 11, wherein presenting comprises presenting at least a portion of the content or the message audibly.
13. (withdrawn) The method of claim 11, wherein presenting comprises displaying visually at least a portion of the content or the message.
14. (withdrawn) The method of claim 11, wherein recording comprises recording a phonation.
15. (withdrawn) The method of claim 14, wherein processing comprises performing voice recognition processing of the phonation.
16. (withdrawn) The method of claim 11, wherein completing comprises:
- contacting a bank system; and
- executing a monetary transfer based on user information and the request.
17. (withdrawn) The method of claim 11, wherein completing comprises:

25315  
CUSTOMER NUMBER

INTL-1-1016ROAD(v3)



- contacting a business system; and
- sending information from the business system to the server relating to the request,
- wherein the confirmation information comprises at least a portion of the information sent by the business system.
18. (withdrawn) The method of claim 11, wherein a recorded request is a request to purchase an item offered for purchase in one or more of the received radio broadcast or the sent content.
19. (currently amended) A method comprising:
- receiving a radio broadcast at a vehicle, the vehicle having vehicle information;
- wirelessly transmitting vehicle information from the vehicle to a network gateway;
- sending the vehicle information from the gateway to a server over a data network;
- sending content from the server to the vehicle via the data network and the gateway based on prestored radio broadcast information associated with the received radio broadcast and associated vehicle information;
- automatically presenting the content over a user interface at the vehicle;
- after receiving the radio broadcast and sending the content, recording at least one request made by a user interface at the vehicle;
- sending the recorded request to the server via the gateway and the network;
- processing at least one sent request, processing comprises:
- completing a transaction based on the request and prestored user information; and
- generating a confirmation message based on the completed transaction;
- sending the generated confirmation message to the vehicle via the data network and the gateway; and
- presenting the sent confirmation message over the user interface.



20. (original) The method of claim 19, wherein presenting comprises presenting at least a portion of the content or the message audibly.
21. (original) The method of claim 19, wherein presenting comprises displaying visually at least a portion of the content or the message.
22. (original) The method of claim 19, wherein recording comprises recording a phonation.
23. (original) The method of claim 19, wherein processing comprises performing voice recognition processing of the phonation.
24. (previously presented) The method of claim 19, wherein processing comprises:  
contacting a bank system; and  
executing a monetary transfer based on user information and the request.
25. (previously presented) The method of claim 19, wherein processing comprises:  
contacting a business system; and  
sending information from the business system to the server relating to the request,  
wherein the confirmation information comprises at least a portion of the information sent by the business system.
26. (previously presented) The method of claim 19, wherein a recorded request is a request to purchase an item and the server completes the transaction
27. (currently amended) A system comprising:  
a computer-based vehicle unit located in a vehicle, the vehicle having vehicle information, the unit comprising:  
a transmitting component;

25315

CUSTOMER NUMBER

INTL-I-1016ROA06(v3)

a receiving component configured to wirelessly receive a radio broadcast over a broadcast frequency and content;

a user interface component configured to automatically present content and radio broadcast and, after the content and radio broadcast is are received, record a user request;

a processing component coupled to the transmitter, the user interface, the receiver, the processor comprising:

a first component configured to instruct the transmitter to send the recorded user request and the broadcast frequency associated with the received radio broadcast; and

a second component configured to process information received by the receiver for presentation by the user interface;

a gateway configured to wirelessly send and receive information to and from the vehicle unit; and

a computer-based server being in communication with the gateway over a data network, the server comprising:

a receiving component configured to receive recorded user requests from the vehicle via the gateway;

a content generator configured to generate content based on radio broadcast information;

a first sending component configured to send the generated content associated with the vehicle information to the vehicle unit via the gateway;

a confirmation component configured to generate a confirmation message based on the recorded user request; and

a second sending component configured to send the generated confirmation message to the vehicle via the data network and the gateway.

28. (original) The system of claim 27, wherein the computer-based vehicle unit comprises a positioning system component configured to identify vehicle location and direction of travel.
29. (original) The system of claim 28, wherein the processing component is coupled to the positioning system, and the first component of the processing component is configured to instruct the transmitter to send vehicle information, wherein the vehicle information comprises vehicle location and the broadcast frequency associated with the received radio broadcast.
30. (original) The system of claim 27, wherein the user interface comprises a microphone for recording requests and a speaker for presenting received content audibly.
31. (original) The system of claim 27, wherein the user interface comprises a microphone for recording requests and a speaker for presenting received content audibly.
32. (original) The system of claim 27, wherein the user interface comprises a display for displaying one or more of an image or textual information associated with at least a portion of the content or the message.
33. (previously presented) The system of claim 27, further comprising:
  - a transaction component comprising a business information component configured to retrieve information from a business system over the data network connection based on the request; and
  - wherein the confirmation message generated by the confirmation component comprises at least a portion of the information retrieved from the business system.

25315

CUSTOMER NUMBER

INIL-I-1016ROA06(v3)

- 8 -

BLACK LOWE & GRAHAM™

701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301

34. (previously presented) The system of claim 33, wherein the transaction component comprises a voice recognition processor configured to perform voice recognition processing of the recorded request.
35. (previously presented) The system of claim 33, wherein the transaction component comprises a monetary transfer component configured to perform a monetary transfer with a bank system over the data network connection based on user information and the request.
36. (previously presented) The system of claim 27, wherein a recorded request is a request to purchase an item and the server completes the transaction.
37. (currently amended) A system comprising:
- a computer-based vehicle unit located in a vehicle, the vehicle having vehicle information, the unit comprising:
    - a transmitting component;
    - a receiving component configured to wirelessly receive a radio broadcast over a broadcast frequency and content from a data network, the content including additional information related to the radio broadcast;
    - a user interface component configured to automatically present content and radio broadcast and, after the content is and broadcast are received, record user requests responsive to at least one of the received content and the radio broadcast;
    - a positioning system component configured to identify vehicle location and direction of travel;
    - a processing component coupled to the transmitter, the user interface, the receiver, and the positioning system, the processor comprising:

a first component configured to instruct the transmitter to send vehicle information and recorded user requests, wherein the vehicle information comprises vehicle location and the broadcast frequency associated with the received radio broadcast; and

a second component configured to process information received by the receiver for presentation by the user interface;

a gateway configured to wirelessly send and receive information to and from the vehicle unit; and

a computer-based server being in communication with the gateway over a network, the server comprising:

a receiving component configured to receive information from the vehicle via the gateway;

a content generator configured to generate content based on prestored radio broadcast information and associated vehicle information;

a first sending component configured to send the generated content associated with the vehicle information to the vehicle unit via the gateway;

a transaction component configured to complete a transaction based on the request and prestored user information;

a confirmation component configured to generate a confirmation message based on the completed transaction; and

a second sending component configured to send the generated confirmation message to the vehicle via the network and the gateway.

38. (original) The system of claim 37, wherein the user interface comprises a microphone for recording requests and a speaker for presenting received content audibly.

39. (original) The system of claim 37, wherein the user interface comprises a display for displaying one or more of an image or textual information associated with at least a portion of the content or the message.
40. (original) The system of claim 37, wherein the transaction component comprises a voice recognition processor configured to perform voice recognition processing of the recorded request.
41. (original) The system of claim 37, wherein the transaction component comprises a monetary transfer component configured to perform a monetary transfer with a bank system over a network connection based on user information and the request.
42. (original) The system of claim 37, wherein:
- the transaction component comprises a business information component configured to retrieve information from a business system over a network connection based on the request; and
- wherein the confirmation message generated by the confirmation component comprises at least a portion of the information retrieved from the business system.
43. (previously presented) The system of claim 37, wherein a recorded request is a request to purchase an item and the server completes the transaction.
44. (currently amended) An apparatus comprising:
- means for receiving a radio broadcast at a vehicle, the vehicle having vehicle information;
- means for wirelessly transmitting content associated with the vehicle information from a server to the vehicle via a data network based on radio broadcast information associated with the received radio broadcast;



- means for automatically presenting the content over a user interface at the vehicle;
- means for recording, after the content is transmitted and broadcast is received, at least one request made by a user based on the presented content;
- means for sending the recorded request to the server via the network;
- means for processing at least one sent request, wherein processing comprises generating a confirmation message based on the request;
- means for sending the generated confirmation message to the vehicle via the network and the gateway; and
- means for presenting the sent confirmation message over the user interface.
45. (original) The apparatus of claim 44, further comprising means for wirelessly transmitting vehicle information from the vehicle to the server over the data network.
46. (original) The apparatus of claim 45, wherein the content transmitted from the server to the vehicle via a data network is based on radio broadcast information associated with the vehicle information.
47. (currently amended) An apparatus comprising:
- means for receiving a radio broadcast at a vehicle, the vehicle having vehicle information;
- means for wirelessly transmitting vehicle information from the vehicle to a network gateway;
- means for sending the vehicle information from the gateway to a server over a data network;
- means for automatically sending content associated with the vehicle information from the server to the vehicle via the network and the gateway based on prestored radio

broadcast information associated with the received radio broadcast and associated vehicle information;

means for presenting content over a user interface at the vehicle;

means for recording, after the content is sent and broadcast is received, at least one request made by a user based on the presented content;

means for sending recorded request to the server via the gateway and the network;

means for processing at least one sent request, processing comprising:

means for completing a transaction based on the request and prestored user information; and

means for generating a confirmation message based on the completed transaction;

means for sending the generated confirmation message to the vehicle via the network and the gateway; and

means for presenting the sent confirmation message over the user interface.

48. (currently amended) A system comprising:

a computer-based vehicle unit located in a vehicle, the vehicle having vehicle information, the unit comprising:

a transmitting component;

a receiving component configured to automatically and wirelessly receive a television broadcast over a broadcast frequency and content;

a user interface component configured to present received content and television broadcast and recording user requests after the content is received and broadcast is received;

a positioning system component configured to identify vehicle location and direction of travel;



- a processing component coupled to the transmitter, the user interface, the receiver, and the positioning system, the processor comprising:
- a first component configured to instruct the transmitter to send vehicle information and recorded user requests, wherein the vehicle information comprises vehicle location and the broadcast frequency associated with the received television broadcast; and
  - a second component configured to process information received by the receiver for presentation by the user interface;
- a gateway configured to wirelessly send and receive information to and from the vehicle unit; and
- a computer-based server being in communication with the gateway over a data network, the server comprising:
- a receiving component configured to receive information from the vehicle via the gateway;
  - a content generator configured to generate content based on prestored television broadcast information and associated vehicle information;
  - a first sending component configured to send the generated content associated with the vehicle information to the vehicle unit via the gateway;
  - a transaction component configured to complete a transaction based on the request and prestored user information;
  - a confirmation component configured to generate a confirmation message based on the completed transaction; and
  - a second sending component configured to send the generated confirmation message to the vehicle via the data network and the gateway.
49. (currently amended) A system comprising:

25315  
CUSTOMER NUMBER

a computer-based vehicle unit located in a vehicle, the vehicle having vehicle information, the unit comprising:

a transmitting component;

a receiving component configured to automatically and wirelessly receive a radio broadcast over a broadcast frequency and content;

a user interface component configured to present received content and radio broadcast and recording user requests after the content is ~~and broadcast~~ are received;

a positioning system component configured to identify vehicle location;

a processing component coupled to the transmitter, the user interface, the receiver, and the positioning system, the processor comprising:

a first component configured to instruct the transmitter to send vehicle information and recorded user requests, wherein the vehicle information comprises vehicle location and the broadcast frequency associated with the received radio broadcast;

a second component configured to process information received by the receiver for presentation by the user interface; and

a third component configured to perform voice recognition processing of the recorded request;

a gateway configured to wirelessly send and receive information to and from the vehicle unit; and

a computer-based server being in communication with the gateway over a data network separate from the broadcast frequency, the server comprising:

a receiving component configured to receive information from the vehicle via the gateway;

a content generator configured to generate content based on prestored radio broadcast information and associated vehicle information;

- a first sending component configured to send the generated content associated with the vehicle information to the vehicle unit via the gateway;
- a transaction component configured to complete a transaction based on the voice recognition processed request and prestored user information;
- a confirmation component configured to generate a confirmation message based on the completed transaction; and
- a second sending component configured to send the generated confirmation message to the vehicle via the network and the gateway.
50. (original) The system of claim 49, wherein the user interface comprises a microphone for recording requests and a speaker for presenting received content audibly.
51. (original) The system of claim 49, wherein the user interface comprises a display for displaying one or more of an image or textual information associated with at least a portion of the content or the message.
52. (original) The system of claim 49, wherein the transaction component comprises a monetary transfer component configured to perform a monetary transfer with a bank system over a network connection based on user information and the request.
53. (original) The system of claim 49, wherein:
- the transaction component comprises a business information component configured to retrieve information from a business system over a network connection based on the request; and
- wherein the confirmation message generated by the confirmation component comprises at least a portion of the information retrieved from the business system.
54. (previously presented) The system of claim 49, wherein a recorded request is a request to purchase an item and the server completes the transaction.

55. (withdrawn) A method comprising:

receiving a first transmission at a vehicle from a first information server;  
wirelessly and automatically transmitting additional content from a second information server to the vehicle via a data network without user intervention, the additional content being on radio broadcast associated with the first transmission;  
presenting the additional content over a user interface at the vehicle;  
recording any requests made by a user based on the additional content;  
wirelessly transmitting the recorded requests to the second server over the data network;  
processing each sent request, wherein processing comprises generating a confirmation message upon completing a transaction based on the request;  
wirelessly transmitting the generated confirmation message to the vehicle over the data network; and  
presenting the sent confirmation message over the user interface.

56. (withdrawn) The method of claim 55, further comprising wirelessly transmitting vehicle information from the vehicle to the second server over the data network.

57. (withdrawn) The method of claim 56, wherein the additional content transmitted from the server to the vehicle via a data network is based on radio broadcast information associated with the vehicle information.

58. (withdrawn) The method of claim 55, wherein presenting the additional content over a user interface at the vehicle comprises presenting at least a portion of the additional content or the message audibly.



59. (withdrawn) The method of claim 55, wherein presenting the additional content over a user interface at the vehicle comprises displaying visually at least a portion of the additional content or the message.
60. (withdrawn) The method of claim 55, wherein recording any requests made by a user based on the additional content comprises recording a phonation.
61. (withdrawn) The method of claim 60, wherein processing comprises performing voice recognition processing of the phonation.
62. (withdrawn) The method of claim 55, wherein completing comprises:  
contacting a bank system; and  
executing a monetary transfer based on user information and the request.
63. (withdrawn) The method of claim 55, wherein completing comprises:  
contacting a business system; and  
sending information from the business system to the server relating to the request,  
wherein the confirmation information comprises at least a portion of the information sent by the business system.
64. (withdrawn) The method of claim 55, wherein a recorded request is a request to purchase an item offered for purchase in one or more of the received radio broadcast or the sent content.
65. (currently amended) A method comprising:  
receiving a radio broadcast at a vehicle;  
wirelessly transmitting content from a server to the vehicle via a data network based on radio broadcast information associated with the received radio broadcast;

**25315**

CUSTOMER NUMBER

INTL-1-1016R0A06(v3)

- 18 -

BLACK LOWE & GRAHAM™

701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301

after transmitting the content and receiving the broadcast, recording at least one user request based on the presented content; wirelessly transmitting the recorded request to the server over the data network.

25315  
CUSTOMER NUMBER

- 19 -

INTL-1-1016ROAD(v3)

BLACK LOWE & GRAHAM<sup>TM</sup>



701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301